#### **Task Analysis Form**

STEP 1.	Identify the major user tasks.
STEP 2.	Break tasks down into subtasks and specific steps.
STEP 3.	Identify frequency and priority of each step or subtask
STEP 4.	Identify input and display requirements.

Below is a sample of a partial task analysis using an outline format.

#### **Major User Tasks**

In general the main task to be performed by anyone using the GRC intranet is to locate some web page they desire. Performing more specific tasks is within the domain of each specific web site connected to the intranet. The only exceptions are linking a page to the intranet or transporter. These 2 tasks were part of the intranet redesign.

Task 1 Link a web page (site) to intranet Task 2 Link a web page (site) to transporter Task 3 Locate a web page

#### **Major Task 1** – Link a web page or site to the intranet.

This is a critical task that is performed infrequently by web page curators. A curator may only perform this task once or twice each year.

#### Subtask 1 Identify the web page to be linked

Step 1.1	Provide the url of the page to be linked
Step 1.2	Provide a short name to be used when listing the page

#### **Subtask 2** Identify the owner of the web page

Step 2.1	Enter last name, first name of web page curator
Step 2.2	Enter organization of web page curator
Step 2.3	Enter phone number
Step 2.4	Enter mailstop
Step 2.5	Enter email

#### Subtask 3 Identify placement for web page

This subtask may be performed more than one time for each page to be linked. 90% of the time only a single location will be identified.

Step 3.1	Select one of the main headings under which web page should be located
Step 3.2	Select a subheading under which web page should be located

#### **User Profile Form**

STEP 1. Identify different user Types based on the work they perform and the different parts of the application they will be using. Performing a thorough task analysis will assist in this task.

#### Example:

- a. General users of varying backgrounds visiting sites for daily information (cafeteria menu).
- b. General users of varying backgrounds (technical, clerical, management) searching for specific job related information.
- c. General users searching for non-job related information on infrequent basis.
- d. Web site curators trying to link pages to intranet and transporter.
- STEP 2. Identify specific criteria for each user Type that differentiates novice, intermediate and expert level users.

The table below is an example of some criteria that you may want to consider using.

User Type #1

User Trait	Novice	Intermediate	Expert
Computer experience Depending on situation you may want to focus more on user experience with MAC, PC or UNIX.	Less than 3 months	3 – 12 months	12+ months
Software experience If a specific development software is being used this would be important. Web based vs. Windows based software.	Internet use <1 month	Internet use 1 – 6 months	Internet use 6+ months
Similar software experience If user has experience with other similar software it would impact their ability to use the new software being developed.	Used at least 1 other similar software.	Used at least 2 similar software applications.	Used more than 2 other similar software applications.
Frequency of use How often the user uses the computer or software is just as important as how long they have used it.	1 – 2 times per month	1 – 2 times per week	Daily
Job/Task experience Job experience can be broken down into specific tasks. User experience performing each task may be important.	Less than 3 months	3 – 12 months	12+ months

Web Site Evaluation Checklist							
Feedback	Always	Sometimes	Never	NOTES			
It is always clear what is happening							
All feedback is prompt							
Users are informed if a plug-in or browser version is required							
Users can give feedback via email or a feedback form							
Users can receive email feedback if necessary							
If necessary, online help is available							
Canaistanay	Alwaya	Sometimes	Novor	NOTES			
Consistency Only one word or term is used to describe any item	Always		Never	NOTES			
Links match titles of the pages to which they refer							
Standard colors are used for links and visited links							
Terminology is consistent with general web usage							
Error Prevention and Correction	Always	Sometimes	Never	NOTES			
Errors do not occur unnecessarily							
Error messages are in plain language							
Error messages describe what the problem is							
Error messages describe what action is necessary							
Error messages provide a clear exit point							
Error messages provide contact info for assistance, if needed							
Visual Clarity	Always	Sometimes	Never	NOTES			
The layout is clear							
There is sufficient white space							
All images have ALT text assigned							
Unnecessary animation is avoided							

Navigation	Always	Sometimes	Never	NOTES
There is a clear indication of the current location				
There is a clearly identified link to the Home page				
All major parts of the site are accessible from the Home page				
If necessary, a site map is available				
Site structure is simple, with no unnecessary levels				
If necessary, an easy-to-use search function is available				
Functionality	Always	Sometimes	Never	NOTES
All functionality is clearly labelled				
All necessary functionality is available w/o leaving the site				
No unnecessary plug-ins are used				
Control	Always	Sometimes	Never	NOTES
The user can cancel all operations				
There is a clear exit point on every page				
Page size is less than 50Kb/page				
All graphic links are also available as text links				
The site supports the user's workflow				
All appropriate browsers are supported				
Language	Always	Sometimes	Never	NOTES
The language used is simple				
Jargon is avoided				

## **Pre Test Questionnaire**

Name:	Org Code:
Job Title:	Phone:
1. How would you rate yo	our experience as a computer user?
a.	Novice / Beginner
b.	Intermediate
c.	Experienced
d.	Expert
2. How often do you use	the internet?
a.	Less than once each week
b.	A few times each week
c.	Daily, less that 3 times
d.	Daily, more than 3 times
3. How much time do y	ou spend on the Glenn intranet?
a.	Less than once each week
b.	A few times each week
c.	Daily, less that 3 times
d.	Daily, more than 3 times
4. How much do you us	e the "Transporter" to navigate through the Glenn intranet?
a.	Never, I don't know what it is.
b.	Very seldom, only if I can't find something
C.	Frequently
d.	Almost always
5. What is LeWeb?	
6. What does the GRC H	Iome Page look like?
	te between the Internal Home Page and the External Home
Page?	

8. Looking at the Glenn Internal Home Page, please indicate whether you agree or disagree with the following statements: (circle your response)

		Completely Disagree	Mostly Disagree	Both	Mostly Agree	Completely Agree
1.	I read the What's New at Glenn items every day.	1	2	3	4	5
2.	I find it easy to locate information that I need.	1	2	3	4	5
3.	The category headings make sense to me.	1	2	3	4	5
4.	It is easy to navigate without getting lost.	1	2	3	4	5
5.	I can always find what I need when I use the "Transporter".	1	2	3	4	5
6.	The layout makes it easy to locate information.	1	2	3	4	5
7.	I clearly understand the difference between the internal and external Glenn pages.	1	2	3	4	5
8.	I know how to get a web site linked to the Glenn intranet.	1	2	3	4	5

9.	What do	you li	ke best	about th	ne Glenn	Internal	Home	Page?
----	---------	--------	---------	----------	----------	----------	------	-------

- 10. What would you like to see changed?
- 11. Briefly describe what information/topics you would expect to find associated with the following headings:

About Me and Glenn	
Core Research	
Finance	
Information Depot	
Leader's View	
Support Services	

#### The Usability Process

You have been asked to participate in a usability evaluation of the Glenn internal web site. Usability evaluations seek to determine if the people who use the product can do so quickly and easily to accomplish their work. Evaluations are designed to solicit feedback from participants, focusing on areas of concern identified by the development team. Usability evaluations typically consist of several users performing prearranged tasks using the software. Each user session is generally videotaped so that it may be reviewed at a later time. We will be observing and measuring how effectively the software allows you perform the tasks requested of you.

Once all evaluation sessions are completed, we compile the feedback received from each participant, along with our notes. We then prepare a final analysis report and maybe a highlight tape, which we present to the development team for review. Our intent is to provide a base of information from which the developers can make decisions to resolve problem areas in the interface and the work process. We also note positive feedback from participants, to indicate those areas in which the design is successful.

It is important to remember that the software design is being evaluated, NOT you. In just a few moments you will be asked to perform some tasks using a software prototype. With your approval we would like to video tape the session so that we may review it later if necessary.

Do you have any questions?

Ask user to complete the Pre-Test questions.

#### **Glenn Intranet Overview**

The Glenn Intranet or Glenn internal web site provides employees of the Glenn Research Center access to information that is essential and/or useful to their jobs. The current internal home page is undergoing some changes intended to make information easier for employees to find. The development team has catalogued all of the web pages currently linked to the Glenn intranet into a reorganized list of subjects. We would like you to help us to evaluate the validity of the proposed groupings. Keep in mind that what you will be using is only a textual listing of the categories and sub-categories. It does not in any way reflect what the actual design or look of the new home page will be. It also does not contain any of the additional features that may be made available to assist users in locating information.

Do you have any questions?

#### The Setting

You are in your office and logged into the newly redesigned Glenn intranet. You will be asked to locate specific pieces of information. Beginning with the homepage provided attempt to navigate through the intranet using only the subject lists provided. Please try to "think aloud". The more we understand what you are thinking the better we will be able to design the system to meet your needs.

Do you have any questions?

This is a sample of the tracking sheet used for first usability test of taxonomy. Shaded areas indicated correct location. Numbers represent the user's attempts to locate the requested topic.

# **Usability Evaluation for WING - Tracking Sheet**

Topic	About You and Glenn	Core Research	Finance	Inform Depot	2	_eader's View	Support Services	Comments
					_		_	Comments
Visitor's Center	Health/Family	Aero	Buy It, Ship it	About the web	IIVIIS	sion/Goals	Computers	
	Leisure	Archives	Budget/Accntg	News (3	3 <b>J</b> uk	olic Relations	Connections	
	Money	<b>Current Projects</b>		Reference	Rul	es & Officers	Engineering	
	Safety	Science		Schedule It			Facilities/Bldgs	
	Work	Space		Study Room				

	About You			1			Support	
Topic	and Glenn	Core Research	Finance	4	mform Depot	Leader's View	Services	Comments
What time the lab bus	Health/Family	Aero	Buy It, Ship it	7	About the web	Mission/Goals	Computers	
will arrive at your	Leisure	Archives	Budget/Accntg	1	News	Public Relations	Connections	
building today	Money	Current Projects		I	Reference	Rules & Officers	Engineering	
	Safety	Science		2	chedule It		Facilities/Bldgs	
	Work	Space		Ţ	Study Room			

		About	Y	1					Support	
Topic	U	and G	le	<u> </u>	Core Research	Finance	nform Depot	Leader's View	Services	Comments
How to obtain a new	H	lealth/F	am	ly	Aero	Buy It, Ship it	About the web	Mission/Goals	Computers	
badge.	L	.eisure			Archives	Budget/Accntg	News	Public Relations	Connections	Did Not Find
	Λ	/loney	<u> </u>		<b>Current Projects</b>		Reference	Rules & Officers	Engineering	
	S	Safety	4		Science		Schedule It		Facilities/Bldgs	
	٧	Vork			Space		Study Room			

	About You			2 4		Support	
Topic	and Glenn	Core Research	Finance	Inform Depor	Leader's View	Services	Comments
Telephone directory	Health/Family	Aero	Buy It, Ship it	About the web	Mission/Goals	Computers	
	Leisure	Archives	Budget/Accntg	News	Public Relations	Connections	
	Money	<b>Current Projects</b>		Reference 5	Rules & Officers	Engineering	
	Safety	Science		Schedule It		Facilities/Bldgs	
	Work	Space		Study Room			

The main categories that users selected on their first attempt to find a topic were logged on this form. This analysis form clearly showed which items users had trouble finding and provided the answer as to where users expected to find the item.

		Core	Corporate	Errands/Leis			News/Event		Link or	Transporter		
	Finance	Research	focus	ure	Workplace	Infrastructure	s	Public affairs		Word	Did Not Find	Used help
Chief Inform Officer			3		3	1					2	
Job vacancy					8		1					
Computer Administrator						8+?						
Purchases < \$100K	9											
Cafeteria Menu				7	2							
Lab bus schedule					2	1	5				1	
Learning Center					8					lc		
ACT project		8+?										
Medical services				6	3							
Help Desk						5 + ???			1		2	
ISO procedures		1	4						4			
Safety Manual			1		8							
Visitor Center		Ì		1	1			7				
Research & Tech reports		7	1			1					1	
Link a web page						4 + ???			1		2	
Org listing			3		4	2					3	
Building managers						9						
Obtaining a new badge			1		3 + ???	1		1			_1	
NASA Home page		1							4		4	
Fitness center				7	2							
Today @ Glenn							2		7			
Test Installations Div.		2	2		1	2 + ??				tid	1	
Space Shuttle GRC contr		8						1				
Personnel Forms-Pos desc					9							
VCIM		1			2	5 + ??						
Hazardous Chem Label form			1		7	1					1	
Employee Express	1			1	7							
Glenn Electronic forms			2		3	2				forms	2	
Locate a person					2	1			6			
Educ Pgms Office			2		3			4				
GRC external home page			1						6		2	
Search GRC for 'iso'									3	iso	1	
Request Transporter word						6			1 + Help		5	help
Graphics&Visual Lab		1			1	6						
How to use transporter						4			4		3	help
Data Systems						6					1	
Index						2			1		1	
	10	21	21	22	76	45	8	13	37	4	1 37	

### **Post Test Questionnaire**

Name:	Org Code:
Job Title:	Phone:
	es you just evaluated, please indicate whether you g statements: (circle your response)

		Completely Disagree	Mostly Disagree	Slightly Disagree	Slightly Agree	Mostly Agree	Completely Agree
1.	I found it easy to locate the information that was requested.	1	2	3	4	5	6
2.	It is easy to navigate without getting lost.	1	2	3	4	5	6
3.	The category headings make sense to me.	1	2	3	4	5	6
4.	It is easier to find information than using the existing Home Page.	1	2	3	4	5	6
5.	I like the new categorization better than the current Home Page.	1	2	3	4	5	6
6.	I like the appearance of the new Home Page better than the existing Home Page.	1	2	3	4	5	6
7.	I used the Help feature and found it useful.	1	2	3	4	5	6

What is the name or acronym	of the new Home Page?	

Please provide any additional comments describing what you liked/disliked about the way the information was organized:

## **Pretest and Posttest Questionnaire Ratings**

Pretest Ratings of LeWeb	Averages 1st Test	Averages 2nd Test
<u>User Profile Information</u>		
Read "What's New" every day	2.6	3.1
Clearly understand in/ext pages	3.4	3.6
Know how to get web site linked	3	2.3
	3.0	3.0
User Satisfaction Feedback		
Easy to locate info that I need	3.0	3.0
Category headings make sense	3.3	3.4
Easy to navigate w/o getting lost	3.4	3.1
Find what I need using transporter	2.6	2.4
Layout makes easy to locate info	3.1	3.2
	3.1	3.0

Users were asked to rate their level of agreement with the statements. The following rating scale was used:

- 1. Completely disagree
- 2. Mostly disagree
- 3. Both agree and disagree
- 4. Mostly agree
- 5. Completely agree

Results indicated a fairly neutral feeling toward the existing home pages.

Post Test Ratings of WING	Averages Taxonomy Test	Averages 1st GUI Test
User Satisfaction Feedback		
Easy to locate info requested	2.5	4.3
Easy to navigate w/o getting lost	4.4	4.3
Category headings make sense	2.6	3.9
Easier to find info than LeWeb	2.3	4.1
Like new categories better	2.5	4.4
	2.86	4.2

Users were asked to rate their level of agreement with the statements. The following rating scale was used:

- 1. Completely disagree
- 2. Mostly disagree
- 3. Slightly disagree
- 4. Slightly agree
- 5. Mostly agree
- 6. Completely agree

Additional Feedback on 2nd Test
Like appearance better than LeWeb 4.8
Used Help and found useful 4.5

Only 2 of 13 users gave any ratings indicating disagreement with the statements.

# Usability Evaluation Analysis and Recommendations

#### **Brief Overview of Results**

Evaluators were mostly experienced computer and internet users that also use the Glenn intranet often. They do not frequently use the Transporter. The names LeWeb and GRC Home Page are synonymous to 80% of the users even though they are aware of the external home page. With only a few exceptions users are not overly pleased or displeased with the current internal home page. 7 of 9 users expressed considerable satisfaction with the design and usability of WING and rated it as being better than the current home page.

Efforts by the nine users to each locate 36 items resulted in a 90% success rate with 77% successfully being found on the first attempt. There were a handful of items that were more problematic than other items. Links located on the footer were most often overlooked. Buttons on the header were also underutilized. Images that represented links to the NASA home page and GRC external pages were also overlooked. Other links that proved to be difficult to locate were Organizational listings, Help Desk, Forms and TID.

With some minor relocation or addition of links and possibly providing more descriptive headings all of the problems can be successfully resolved. Refer to the recommendations section for details.

#### The Evaluators (9)

#### Summary:

Mostly intermediate or experienced computer users. One expert and no novices. Plenty of experience using internet with most using more than 3 times each day. Use of Glenn intranet varied from a few times each week to more than 3 times each day. Half of users frequently used transporter and other half very seldom.

Most users did not have clear understanding of internal vs. external home pages. Two had no idea of what LeWeb was. Only two accurately described the GRC Homepage as the external page.

Level of experience	Novice Intermediate Experienced Expert	0 4 3 2	
Internet Use	Less than once/ Few times/week Daily less than 3 Daily more than	3 times	0 1 1 7
Glenn intranet use	Less than once/ Few times/week Daily less than 3 Daily more than	3 times	0 2 2 5
Use transporter	Never, don't kno Very seldom Frequently Almost always	w what it is	1 5 3 0

#### What is LeWeb?

- 1. Glenn intranet.
- 2. Don't know.
- 3. Glenn internal web.
- 4. It's on homepage. See it immediately when I go to home page.
- 5. Lewis web admin.
- 6. Internal home page.
- 7. Don't know.
- 8. The website. (indicated the correct one)
- 9. GRC Home page.

#### Describe GRC Home page?

- 1. Current events, pointers to orgs, black background (Leweb).
- 2. Don't know.
- 3. Described internal.
- 4. NASA logo, black and orange, black background (Leweb)
- 5. Hanger picture.
- 6. External page with hangar picture for outside users.
- Described internal.
   Black, bad color, too dark (was referring to LeWeb)
- 9. Black background, hilighted colors (was referring to LeWeb)

#### Difference between internal and external?

- 1. Hanger on the external.
- Described correctly.
- 3. No picture on internal.
- 4. External is brighter, for NASA Glenn functions, explains NASA space program.
- 5. I've never hit the GRC external home page site. (they described it in the previous question though).
- 6. Internal is specific for employees and external has general info for the public.
- 7. Don't know.
- 8. Black vs. Center's picture
- 9. External has hangar.

#### User Satisfaction using LeWeb (see attached Excel file for details)

Users were provided 8 different positive statements regarding their use of LeWeb. They were asked to rate each statement using the following scale:

1 - Completely disagree 4 - Mostly agree 2 - Mostly disagree 5 - Completely agree

3 - Both agree and disagree

On the statements regarding ease of use of LeWeb the average overall score was 3.0 which ranked middle of the road (both agree and disagree). The two highest scores were obtained on the following statements:

1. The category headings make sense (3.4)2. Layout makes it easy to locate information (3.2)

The two lowest scores were concerning successful use of the transporter and the layout.

1. I always find what I need when I use the transporter (2.4)

2. Find it easy to locate information I need (3.0)

There were a total of 32 individual scores out of 72 that were rated a 1 or 2 providing a negative response rate of 44%.

#### User Satisfaction using WING (see attached Excel file for details)

After completing the usability evaluation users were asked to rate similar statements regarding their use of WING. Some of the statements were direct comparisons of LeWeb and WING. A scale of 1 - 6 was used assigning the following values:

1 - Completely disagree
2 - Mostly disagree
3 - Slightly disagree
4 - Slightly agree
5 - Mostly agree
6 - Completely agree

On the positive statements regarding usability of WING the average score was 4.25 indicating overall slight agreement. On the positive statement regarding WING being better than LeWeb the rating was 4.4, still just slightly agreeing.

There were a total of 13 individual scores out of 63 that were rated a 1, 2, or 3 providing a negative response rate of 20%. All but one of these scores came from 2 individuals.

#### **Use of WING name or acronym for Home Page**

User input suggests that the current name of LeWeb is not well known. 25% of users did not know what LeWeb referred to. Six of eight users described the GRC Homepage incorrectly, mistaking it for LeWeb. This substantiates input from a previous usability test. Based on this feedback it would appear that using any sort of acronym or catchy name does not necessarily help in identifying the web site.

When asked, 7 of 9 users properly identified the new design as WING or Web Intranet @ Glenn. One user could not remember and one user referred to Today @ Glenn. One user expressed great concern regarding the use of the WING acronym. The user felt that anyone working in the Space directorates would be greatly offended. No conclusions can be drawn about whether or not the WING acronym will be successfully imprinted on the minds of the users. More than likely, this web site will still be considered to be the GRC HomePage just as its predecessor LeWeb.

#### **Analysis and Recommendations**

Overall performance was much improved from the previous usability tests. Approximately 90% of all items were found. Approximately 77% of all items were found on the first attempt. Any item in which more than one person selected an incorrect response is detailed below.

1. Org Listing --- 2 did not find. 4 went to Personnel to find.

Personnel, Leadership

Personnel, Leadership

Leadership

Personnel DNF

Personnel, Buildings & Facilities, DNF

Leadership

Connections & Comm., Personnel, Core Research, Leadership

Corporate Focus

**Recommendation:** A second level heading of "Organizations" containing the three organizational links is needed. Place the Organizations under Glenn Workplace.

2. Chief Information Officer--- 2 of 6 looked in Personnel. 1 did not find.

Recommendation: NONE

3. Cafeteria Menu --- 2 of 8 looked in Workplace.

Lab bus schedule --- 2 of 8 looked in Workplace. One other looked in infrastructure for transportation. 1 did not find.

Medical Services --- 3 of 8 looked in Workplace.
Fitness Center --- 2 looked in Workplace.

**Recommendation:** Change "Errands & Leisure" to "Employee Activities" or "Extracurricular Activities". Change "News & Events" to "News, Calendars, Schedules".

4. Help Desk --- 3 of 8 looked in Computers but did not see it. Four looked in Connections/Communications before looking in Computers. 1 did not find.

**Recommendation:** Change listed item to read "Help Desk (Intellicenter)". Place a link in the Connections/Communications sub menu as well as in Computers. Help desk provides help on more than just computers. Place a link to Help Desk on the Help Page.

5. Link a web page --- 2 did not find. 3 went to Computers, 2 went to Connections.

Request Transport word --- 6 looked in About the Web. 5 did not find. How to Use Transport --- 3 did not find. 4 looked in About the Web.

Search --- 4 did not find. Most used Transporter to do search. After search

button was moved 2 of 2 found it.

**Recommendation:** Change "About the Web" to "Web Services". Provide links for "Transporter Help" and "Transporter Request" and "Search GRC Web" on Web Services page. Incorporate a Transporter Request with the Add a Link form so users will do both at the same time. Provide button for Search at top of home page. Button should go to advanced search screen rather than use the transporter input field. The extra step will help to indicate that transporter is separate from Search. Remove link for advanced search option.

6. VCIM --- 5 looked in Computers and went to CSD to locate.

Recommendation: Put a link for VCIM on the Computers submenu.

7. Badging --- 3 could not find it even after going to Safety.

**Recommendation:** Need to mention Security as a second level menu. Maybe "Safety, Security & Environmental" or perhaps Environmental can be its own category.

8. NASA Home page --- 3 did not find the icon.

GRC External Home page --- 2 did not find.

**Recommendation:** Eliminate using the image as a link and place them on the drop down list of external links. OR Put a text label just above the images indicating the link.

- 9. Test Installations Div --- 2 looked in Core Research. 2 looked in Facilities and Buildings. **Recommendation:** Need to find out from TID where they think they belong. Maybe need to provide a link from all three areas since they support facilities and engineers in doing aero research.
- 10. *Glenn Electronic forms* --- 3 looked in Workplace and 1 in Computers. 2 Did not find. Only 1 correct hit on first attempt.

**Recommendation:** Seems like Workplace is a better fit, but the sub headings are not appropriate. It is possible that it might be appropriate to assign its own button. Forms are used everyday across the center by many people. It probably would get as many hits as the Directory.

- 11. *Educational Pgms Off.* --- 3 looked in Personnel and 1 in Study Room. *Recommendation:* If Educational Programs also offers some programs for employees they should be linked in the Personnel area in addition to the Partnerships.
- 12. Records Management page is not linked.
- 13. Request a link is not working.

#### **Header Modifications**

Suggest moving the Search button to the right, away from the Transporter. Provide a small Help button next to Transporter button that would be the Transporter Help options.

In order of priority these are the buttons that I would place on the header:

- 1. Search
- 2. Index
- 3. Help
- 4. Organizations
- 5. Today @ Glenn
- 6. Employee Directory

#### **Other User Suggestions**

User rollover help as you move cursor on subheadings.

Display one line description of contents beneath each subheading on second level pages.

Put Help Desk on main page.

Rename Corporate Focus heading.

Move Educational Programs Office to the Study Room.

If people don't know that ACT is Space then how would they ever find this project?

Job Briefings are announcements, why aren't they listed there?

Get rid of Errands and Leisure. We don't have leisure at the workplace.

The Power and Propulsion Office links to the money office not the research stuff. This web page should be by Finance.

The "Add your site to WING" doesn't make sense. Drop the "WING" reference.

Don't like the white background.

Change Personnel to Office of Human Resources (suggested by OHR employee).

News & Events heading doesn't make sense for Schedules.

Why is Office of Equal Opportunity Programs under Procedures?

Put all forms in one place.

Directory button should say Employee Directory - thought it was directory of web.

# IIR Web Accessibility and User Experience Design Forum/ Jan. 24, 25<sup>th</sup> 2002 SESSION TITLE: Usability Methods to Ensure Success Of Your Web Site

			Data Organizing Schemes		
	Alphabetic List		http://www.cuinfo.cornell.edu/CPL/Policies/		Lists, publications, titles, and collections.
	Alphanumeric		http://www.aeaweb.org/journal/elclasjn.html		Preexisting taxonomies: ex. LOC, MESH
	Index Browse		http://lii.org/	<u>_</u>	All sites; good for known item searches; limited use for children's sites
	Audience		http://www.dell.com	e for	Segregated content by age or purpose
	Category	, N	http://www.yahoo.com	Use	Disparate or ambiguous content; limited use for children's sites
	Chronological	http://www.zakon.org/robert/internet/timeline/	ns:	Limited – historical, time-related events	
уре	Functional		http://www.nasa.gov/	atic	All sites; good for business
-	Geographical	Example	http://www.nec.com/	end	International business; geographic information
	Metaphor	Ë	http://disney.go.com/park/bases/playhousebase/today/flash/index.html	ecommendations	Children's sites – not recommended for other
	Numeric		http://link.bubl.ac.uk/ISC2	eco	Preexisting numeric taxonomies; school or DDC content
	Organizational Chart		http://www.icann.org/general/icann-org-chart_frame.htm	~	Not recommended
	Subject Heading		http://user1.stritch.edu/~csclib/web.html		LOC; library, reference and multidiscipline sites
	Table of Contents		http://www.nlm.nih.gov/exhibition/phs_history/contents.html		All sites; good for large sites, groups of content, instructional, training
	Thesaurus		http://www.foodsubs.com/		Large information systems with preferred terminology

# Site/Information Design Checklist

Project Contacts:	Project Lead:  Developer Lead:  Client details (industry, marketing, competitive sites):	Project Acct: (charge code)  Phone:  Contact:  Email
<u></u>		
Project Scope:	Site available:  Internal External Both  Intended audience:  Public Employees Industry partners	Separate design for both:  Yes No Site goals:
	Notes:  Project goals:  Business processes addressed:	

 C	Types of materials:	Site Type:
Information Design:	Reference (privacy, copyright) Instructional (help, how-to) Educational (manuals, learn) Entertainment (games, music) Historical/archival Product descriptions (graphics, text) Services (business area, consumer) Contact (phone, email, mail) News (marketing, industry) Biographical E-Commerce (shopping cart, security)	Company products/services Company extranet Company intranet Subject specialty index E-Commerce Research Educational Children Reference News Medical Entertainment
	Information Structure (navigational)  Browse/web Classification (taxonomy) Cluster/grid Flowchart/sequence Hierarchical Navigational pointers Alphabetical Chronological/timeline	Notes:
Elements	☐ Search Engine ☐ Internal ☐ External ☐ Security ☐ Index (site map) ☐ Site ID (logo) ☐ Utilities ( how-to, help) ☐ Video ☐ Audio	<ul> <li>☐ Homepage</li> <li>☐ Footer ( address, contacts)</li> <li>☐ Templates (page, header, footer)</li> <li>☐ Date field</li> <li>☐ Graphics</li> <li>☐ Forms</li> <li>☐ Chat/discussion</li> <li>☐ Database</li> </ul>
nt:	Products:	Services:
Existing Content:	Subjects: Contacts:	Departments:  Locations: